



## CLINICAL RESEARCH SYMPOSIUM

### *The Impact of Mass Spectrometry in Translational Research*

**Date:**

Wednesday, August 14<sup>th</sup>, 2013  
9:30A – 4:00P

**Location:**

Neuroscience Center of Excellence,  
School of Medicine  
Louisiana State University Health  
Science Center  
Lions Building, 2020 Gravier Street  
8<sup>th</sup> Floor, Room 835  
New Orleans, LA

### Agenda

- 9:30 AM**      **Coffee and Welcome**
- 10:00 AM**      Dr. Christopher Hudalla: Rapid Analysis of Endogenous Steroids Using UPC<sup>2</sup> MS/MS  
**Waters Corporation**
- 10:45 AM**      Dr. Nicolas Bazan: Mediator Lipidomics in Translational Medicine  
**Louisiana State University Health Science Center**
- 11:30AM**      Dr. Mary Lame: Quantitation of amyloid beta peptides A $\beta$ <sub>1-38</sub>, A $\beta$ <sub>1-40</sub>, and A $\beta$ <sub>1-42</sub> in human CSF by UPLC/MS/MS  
**Waters Corporation**
- 12:15 PM**      **Lunch**
- 1:00 PM**      Dr. Robert C. Murphy: Imaging complex lipids in tissues: A new tool to answer questions in lipid biochemistry.  
**University of Colorado Denver**
- 1:45 PM**      Dr. William Gordon: Phosphatidyl choline molecular species displaying very-long chain fatty acyl chains in age-related macular degeneration as disease biomarkers  
**Louisiana State University Health Science Center**
- 2:45 PM**      **Break**

- 3:00P** Dr. Giuseppe Astarita: Metabolomics Unveils the Molecular Phenotype of  
"Omega-3" Mice  
**Waters Corporation**
- 3:45P** **Wrap up and Final Comments**
- 4:00P** **End of Day**